



Attorney Docket No. 0553-0373

D.P.W.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Tetsuo TSUTSUI

Serial No.: 10/626,024

Filed: July 24, 2003

Art Unit: 2879

Examiner: Mariceli Santiago

For: ORGANIC ELECTROLUMINESCENT DEVICE

) I hereby certify that this correspondence
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Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, on June 16,
2005

Christie M. Nee

Date: June 16, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, as revised on February 4, 1992, 1135 OG 23-24, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. As this application was filed after June 30, 2003, pursuant to 37 CFR §1.491(b), copies of US patents and US patent application publications are not enclosed herewith. Copies of foreign patent documents and non-patent literature are enclosed herewith for the Examiner's consideration.

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No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

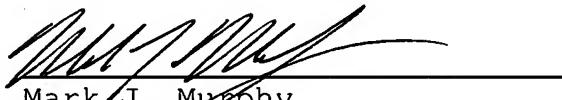
The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

Reference nos. 10-15 under "Other Prior Art" as well as JP 2003-045676 (with English abstract only) previously submitted in this case in the IDS filed on July 24, 2003, were lost at the Patent Office. Consequently Applicant is now submitting replacement copies of these references for the Examiner's consideration.

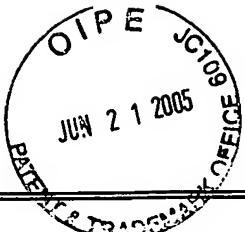
A first office action, notice of allowance or issue fee notification has been received in this case, so a check in the amount of \$180.00 is enclosed. If any additional fee is required, please charge Deposit Account No. 50/1039. If any additional fee is required, please charge our Deposit Account No. 50/1039.

Respectfully submitted,

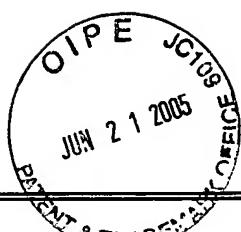


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Registration No.: 34,225

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LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Atty. Docket No.</u> 0553-0373		<u>Serial No.</u> 10/626,024		
		<u>Applicant</u> Tetsuo TSUTSUI				
		<u>Filing Date</u> July 24, 2003		<u>Group</u> 2879		
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	4,971,919 5,478,777 US 2001/ 0046611 A1 6,844,025 B2 US 2005/ 0023522 A1	11/20/90 12/26/95 11/29/01 01/18/05 02/03/05	Yamazaki Yamazaki Kido et al Forrest et al Frey et al	437 437 428 427 257	2 173 690 74 40	03/09/89 09/22/94 02/25/99 01/14/04 05/07/04
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)						
	<ol style="list-style-type: none"> 1) FERRARIS, J. et al, "Electron Transfer in a New Highly Conducting Donor-Acceptor Complex," Journal of the American Chemical Society, vol. 95, no. 3, pp. 948-949, February 7, (1973). 2) TANG, C.W. et al, "Two-Layer Organic Photovoltaic Cell," Applied Physics Letters, vol. 48, no. 2, pp. 183-185, January 13, (1986). 3) HIRAMOTO, M. et al, "Effect of Thin Gold Interstitial-Layer on the Photovoltaic Properties of Tandem Organic Solar Cell," Chemistry Letters, pp. 327-330, (1990). 4) YU, G. et al, "Charge Separation and Photovoltaic Conversion Polymer Composites with Internal Donor/Acceptor Heterojunctions," J. Appl. Phys., vol. 78, no. 7, pp. 4510-4515, October 1, (1995). 5) PARTHASARATHY, G. et al, "A Metal-Free Cathode for Organic Semiconductor Devices," J. Appl. Phys., vol. 72, no. 17, pp. 2138-2140, April 27, (1998). 					
EXAMINER:	DATE CONSIDERED:					
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.</p>						



LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Atty Docket No.</u> 0553-0373		<u>Serial No.</u> 10/626,024		
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U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	5,677,546 5,682,043 6,013,384 6,107,734 6,300,612 B1 US 2001/ 0031509 A1 6,423,429 B2 6,452,092 B2 6,580,213 B2 US 2003/ 0209974 A1	10/14/97 10/28/97 01/11/00 08/22/00 10/09/01 10/18/01 07/23/02 09/17/02 06/17/03 11/13/03	Yu Pei et al Kido et al Tanaka et al Yu Yamazaki Kido et al Han et al Yamazaki Yamazaki	257 257 428 313 250 438 428 136 313 313	40 40 690 506 208.1 48 690 263 506 504	05/19/95 06/28/94 01/22/98 09/28/98 02/02/99 01/30/01 02/25/99 01/19/01 01/30/01 06/13/03
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	EP 0 855 848 JP 10-270171 JP 11-251067 EP 0 948 063 JP 11-329748 JP 2003-045676	07/29/98 10/09/98 09/17/99 10/06/99 11/30/99 02/14/03	Kido et al Kido et al Kido et al Kido et al Idemitsu Kosan Co. Kido et al	X X	X	01/07/98 03/27/97 03/02/98 02/25/99 05/20/98 07/26/01
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LIST OF PUBLICATIONS
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0553-0373

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Applicant
Tetsuo TSUTSUI

Filing Date
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	JP 2001-291592	10/19/01	Semiconductor Energy Lab Co. Ltd.	X		01/31/01
	JP 2002-164170	06/07/02	Matsushita Electric Works, Ltd.	X		11/27/00
	WO 02/101838	12/19/02	Trustees of Princeton Univ.			06/07/02

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS
(Including Author, Title, Date, Pertinent Pages)

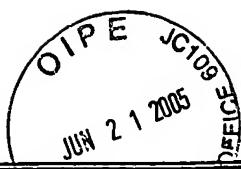
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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- 7) GUNDLACH, D.J. et al, "Pentacene Organic Thin-Film Transistors - Molecular Ordering and Mobility," *IEEE Electron Device Letters*, vol. 18 no. 3, pp. 87-89, March, (1997).
- 8) RUHSTALLER, B. et al, "Bias-Tuned Reduction of Self-Absorption in Polymer Blend Electroluminescence," *Chemical Physics Letters*, vol. 317, pp. 238-244, February 4, (2000).
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- 10) SHIRAKAWA, H. et al, "Synthesis of Electrically Conducting Organic Polymers: Halogen Derivatives of Polyacetylene, (CH)_x," *J.C.S. Chem. Comm.*, no. 16, pp. 578-580 (1977).
- 11) TANG, C.W. et al, "Organic Electroluminescent Diodes," *Appl. Phys. Lett.*, vol 51, no. 12, pp. 913-915, September 21, (1987).
- 12) TSUTSUI, T., "The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element," *Textbook of the 3rd seminar at Division of Organic Molecular Electronics and Bioelectronics, The Japan Society of Applied Physics*, pp. 31-37, with English translation pp. 1-11, (1993).
- 13) SATO, Y., "Problem for Implementation in View of Materials Development," *The Japan Society of Applied Physics/Organic Molecular Electronics and Bioelectronics*, vol. 11, no. 1, pp. 86-89 with English abstract, (2000).
- 14) KIDO, J. et al, "49th Japan Society of Applied Physics and Related Societies," abstract 27p-YL-3, p. 1308, March, (2002).
- 15) US patent application no. 10/309,843 (pending) to Tsutsui, filed December 4, 2002, including specification, abstract, claims, drawings and PTO filing receipt.

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